

GenCore version 5.1.9
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using nw model

Run on: June 24, 2006, 01:58:45 : Search time 14.2605 Seconds

(without alignment) /sec 1315.351 Million cell updates/sec

Title: US-10-612-318-2

Perfect score: 433

Sequence: 1 MEVGRGNGKPLRQLGRG.....SSPHALHTTTSAGQTCF 821

Scoring table: BLASTM62

Gappen 10.0 , Gapext 0.5

Searched:

9997 seqs, 286552 residues

Total number of hits satisfying chosen parameters: 99297

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

List first 45 summaries

Database :

- 1: /BMC_Celerra_S103*/pedala/1/pdbaa/IS05_NEM_PDB_pep;
- 2: /BMC_Celerra_S103*/pedala/1/pdbaa/IS07_NEM_PDB_pep;
- 3: /BMC_Celerra_S103*/pedala/1/pdbaa/IS08_NEM_PDB_pep;
- 4: /BMC_Celerra_S103*/pedala/1/pdbaa/IS09_NEM_PDB_pep;
- 5: /BMC_Celerra_S103*/pedala/1/pdbaa/IS10_NEM_PDB_pep;
- 6: /BMC_Celerra_S103*/pedala/1/pdbaa/IS11_NEM_PDB_pep;
- 7: /BMC_Celerra_S103*/pedala/1/pdbaa/IS12_NEM_PDB_pep;
- 8: /BMC_Celerra_S103*/pedala/1/pdbaa/IS13_NEM_PDB_pep;

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the total score of the distribution, and is derived by analysis of the total score distribution.

SUMMARIES

lt	Query	Length	DB ID	Description
0.	Score	Length	DB ID	
1	658.5	15	383	Sequence 1116, App
2	522.5	7	7	Sequence 1116, App
3	150.5	5	507	Sequence 19158, A
4	150.5	3	1949	Sequence 1116, App
5	154.5	6	10-149-902-4447	Sequence 8447, A
6	154.5	3	675	Sequence 5018, A
7	145.5	3	145	Sequence 10155, A
8	124.5	5	1259	Sequence 1116, App
9	124.5	9	1259	Sequence 5225, A
10	116.5	6	981155394959	Sequence 5589, A
11	115.5	3	2	Sequence 1116, App
12	134.5	3	911	Sequence 10155, A
13	134.5	3	190	Sequence 1116, App
14	134.5	3	1869	Sequence 1116, App
15	134.5	3	1869	Sequence 1116, App
16	134.5	3	1869	Sequence 1116, App
17	133.5	3	1193	Sequence 1116, App
18	133.5	3	1234	Sequence 1116, App
19	130.5	3	1113	Sequence 1116, App
20	128.5	3	200	Sequence 1116, App
21	126.5	3	656	Sequence 1116, App
22	126.5	3	661	Sequence 1116, App
23	126.5	3	1138	Sequence 1116, App
24	126.5	3	1570	Sequence 1116, App
25	126.5	3	7	Sequence 1116, App

US-11-231-697-3206

Sequence 3206

ALIGNMENTS

RESULT 3_697-3206
Sequence 3206
Publication No. US2006016576A1

Publication No. US2006016576A

Wed Jun 28 10:20:22 2006

GenCore version 5.1.9

Copyright (c) 1993 - 2006 Bioceleration Ltd.

on protein - protein search, using sw model

Run on: June 24, 2006, 01:45:00 : Search time 189.971 Seconds

Title: US-10-612-318-2

Perfect score: 4133

Sequence: 1 MEWGRHNGKQKPLAGING.....: SSSPAFLHTEDSGVCTEP 821

Scoring table: ELOSSM62

Group 10 , Gappen: 0.5

Searched: 289598 seqs, 92501552 residue

Total number of hits satisfying chosen parameters:

Maximum DB length: 0

Maximum DB Seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 10%

Listed first 45 summaries

uniprot_2,*

1: uniprot_prot;*

2: uniprot_treble;*

Database :

Pred. No is the number of results predicted by chance to have a

score greater or equal to the score of the result being printed,

and 1 is derived by analysis of the total score distribution.

SUMMARIES

Description

Query Length

DB ID

Score

No.

Result

Score</

GenCoS version 5.1.9

Copyright: (c) 1991 - 2006 Bioacceleration Ltd.

On protein - protein search, using sw model

Run on: June 24, 2006, 01:44:35 : [Search time 145.152 Seconds]

, 258E.0E0 Million cell updates/sec , without alignment score

Title: US-10-612-318-2

Perfect score: 4313

Sequence: MERVQGIVWFLRPLAGURG.....SSPHLTTTPEEDSGVYTFER 821

Scoring table: DLSQDN62

Scored: Capo 10.0 , Gapset: 0.5

Searched: 259979 seqs, 457216429 residues

Total number of hits satisfying chosen parameters:

259979

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match: 0.1

Maximum Match: 1.0

Listed first: 15 immunoblots

Database :

A. GenSeq: 8.1.*

1: genseqDP9806;*

2: genseqDP0008;*

3: genseqDP0005;*

4: genseqDP0008;*

5: genseqDP0001;*

6: genseqDP0002;*

7: genseqDP0003;*

8: genseqDP0004;*

9: genseqDP2006;*

10: genseqDP2006;*

RESULT 1

ALIGNMENTS

Adm0560 Human C10

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C10N

Abx97070 Human C10N

Abx13344 Human C10N

Adm05116 Human C10N

Abx61216 Human C10N

Adm05126 Human C10N

Abx61268 Human C10N

Adm05124 Human C10N

Abx13464 Human C10N

Adm16113 Human C10N

Adm16455 Human C10N

Adm16453 PRO polypeptide

Adm0560 Human C10N

Abx8830 Human C10N

Abx8122 Human C10N

Abx9121 Human C10N

Adm05310 Human C10N

Abx8323 Human C10N

Abx9034 Human C10N

Axv21849 Human C10N

Adm07781 Human C10N

Adm07782 Human C10N

Abx6534 Human C10N

Adm0562 Human C1

human STR50 long variant polypeptide of the invention.

THE NEW YORK TIMES

DS-XX Human; STR0; short variant; neurotoxic stress; neurodegenerative disease; stroke; Parkinson's disease; Alzheimer's disease; Huntington's disease; tumour; cancer; cerebroprotective; vasoactive; antiparkinsonian; neuroprotective

四

GenCore version 5.1.9	BH51984 AGRCOURT			
Copyright (c) 1993 - 2006 Blockbuster Ltd.	BH91997 AGRCOURT			
OM nucleic - nucleic search, using sw model	BH52010 AGRCOURT			
Run on: June 25, 2006 11:28:14 : Search time 10662 Seconds	BH91982 AGRCOURT			
Platform: 1 Billion call updates/sec	BH91983 AGRCOURT			
Database: 12801.991 Million cell updates/sec	BH91984 AGRCOURT			
Title: US-10-612-318-3	BH91985 AGRCOURT			
Perfect score: 4510	BH91986 AGRCOURT			
Sequence: 9999ccctccatcaatcgcc.....attaaaaaaaaaaaaaaa 4533	BH91987 AGRCOURT			
Scoring Table: IDENTITY_NUC	BH91988 AGRCOURT			
GapPen: 10.0 , Repeat: 1.0	BH91989 AGRCOURT			
Searched: 4936798 seque, 2795566570 residues	BH91990 AGRCOURT			
Total number of hits satisfying chosen parameters:	96473596			
Minimum DB seq length: 0	BH91991 AGRCOURT			
Maximum DB seq length: 20000000	BH91992 AGRCOURT			
Post-processing: Maximum Match 10	BH91993 AGRCOURT			
Minimum Score 10	BH91994 AGRCOURT			
Identifying first 15 summaries	BH91995 AGRCOURT			
Database :	BH91996 AGRCOURT			
B7T_	BH91997 AGRCOURT			
1: gb...seq1*	BH91998 AGRCOURT			
2: gb...seq1*	BH91999 AGRCOURT			
3: gb...seq1*	BH92000 AGRCOURT			
4: gb...seq1*	BH92001 AGRCOURT			
5: gb...seq1*	BH92002 AGRCOURT			
6: gb...hcc*	BH92003 AGRCOURT			
7: gb...seq1*	BH92004 AGRCOURT			
8: gb...seq1*	BH92005 AGRCOURT			
9: gb...seq1*	BH92006 AGRCOURT			
10: gb...seq1*	BH92007 AGRCOURT			
11: gb...seq1*	BH92008 AGRCOURT			
12: gb...seq1*	BH92009 AGRCOURT			
13: gb...seq1*	BH92010 AGRCOURT			
14: gb...seq1*	BH92011 AGRCOURT			
Result No.:	Score	Query Length	DB ID	Description
1	3553.4	78.4	N5M02254	Al13155. Homo sapi
	3656	64	A4V45550	AV45550 Pan trogl
	2184.4	98.5	A4V45551	AV45551 Mus musci
	2184.4	38.2	A4V45552	AV45552 Mus musci
	4	1715.5	A4V45553	AM04553 Mus musci
	5	1715.4	A4V45554	AM04554 Mus musci
	6	1715.4	A4V45555	AM04555 Mus musci
	7	1715.4	A4V45556	AM04556 Mus musci
	8	1715.4	A4V45557	AM04557 Mus musci
	9	1715.4	A4V45558	AM04558 Mus musci
	10	1715.4	A4V45559	AM04559 Mus musci
	11	1715.4	A4V45560	AM04560 Mus musci
	12	1715.4	A4V45561	AM04561 Mus musci
	13	1715.4	A4V45562	AM04562 Mus musci
	14	1715.4	A4V45563	AM04563 Mus musci
	15	1715.4	A4V45564	AM04564 Mus musci
	16	1715.4	A4V45565	AM04565 Mus musci
	17	1715.4	A4V45566	AM04566 Mus musci
	18	1715.4	A4V45567	AM04567 Mus musci
	19	1715.4	A4V45568	AM04568 Mus musci
	20	1715.4	A4V45569	AM04569 Mus musci
	21	1715.4	A4V45570	AM04570 Mus musci
	22	1715.4	A4V45571	AM04571 Mus musci
	23	1715.4	A4V45572	AM04572 Mus musci
	24	1715.4	A4V45573	AM04573 Mus musci
	25	1715.4	A4V45574	AM04574 Mus musci
	26	1715.4	A4V45575	AM04575 Mus musci
	27	1715.4	A4V45576	AM04576 Mus musci
	28	1715.4	A4V45577	AM04577 Mus musci
	29	1715.4	A4V45578	AM04578 Mus musci
	30	1715.4	A4V45579	AM04579 Mus musci
	31	1715.4	A4V45580	AM04580 Mus musci
	32	1715.4	A4V45581	AM04581 Mus musci
	33	1715.4	A4V45582	AM04582 Mus musci
	34	1715.4	A4V45583	AM04583 Mus musci
	35	1715.4	A4V45584	AM04584 Mus musci
	36	1715.4	A4V45585	AM04585 Mus musci
	37	1715.4	A4V45586	AM04586 Mus musci
	38	1715.4	A4V45587	AM04587 Mus musci
	39	1715.4	A4V45588	AM04588 Mus musci
	40	1715.4	A4V45589	AM04589 Mus musci
	41	1715.4	A4V45590	AM04590 Mus musci
	42	1715.4	A4V45591	AM04591 Mus musci
	43	1715.4	A4V45592	AM04592 Mus musci
	44	1715.4	A4V45593	AM04593 Mus musci
	45	1715.4	A4V45594	AM04594 Mus musci
	46	1715.4	A4V45595	AM04595 Mus musci
	47	1715.4	A4V45596	AM04596 Mus musci
	48	1715.4	A4V45597	AM04597 Mus musci
	49	1715.4	A4V45598	AM04598 Mus musci
	50	1715.4	A4V45599	AM04599 Mus musci
	51	1715.4	A4V45600	AM04600 Mus musci
	52	1715.4	A4V45601	AM04601 Mus musci
	53	1715.4	A4V45602	AM04602 Mus musci
	54	1715.4	A4V45603	AM04603 Mus musci
	55	1715.4	A4V45604	AM04604 Mus musci
	56	1715.4	A4V45605	AM04605 Mus musci
	57	1715.4	A4V45606	AM04606 Mus musci
	58	1715.4	A4V45607	AM04607 Mus musci
	59	1715.4	A4V45608	AM04608 Mus musci
	60	1715.4	A4V45609	AM04609 Mus musci
	61	1715.4	A4V45610	AM04610 Mus musci
	62	1715.4	A4V45611	AM04611 Mus musci
	63	1715.4	A4V45612	AM04612 Mus musci
	64	1715.4	A4V45613	AM04613 Mus musci
	65	1715.4	A4V45614	AM04614 Mus musci
	66	1715.4	A4V45615	AM04615 Mus musci
	67	1715.4	A4V45616	AM04616 Mus musci
	68	1715.4	A4V45617	AM04617 Mus musci
	69	1715.4	A4V45618	AM04618 Mus musci
	70	1715.4	A4V45619	AM04619 Mus musci
	71	1715.4	A4V45620	AM04620 Mus musci
	72	1715.4	A4V45621	AM04621 Mus musci
	73	1715.4	A4V45622	AM04622 Mus musci
	74	1715.4	A4V45623	AM04623 Mus musci
	75	1715.4	A4V45624	AM04624 Mus musci
	76	1715.4	A4V45625	AM04625 Mus musci
	77	1715.4	A4V45626	AM04626 Mus musci
	78	1715.4	A4V45627	AM04627 Mus musci
	79	1715.4	A4V45628	AM04628 Mus musci
	80	1715.4	A4V45629	AM04629 Mus musci
	81	1715.4	A4V45630	AM04630 Mus musci
	82	1715.4	A4V45631	AM04631 Mus musci
	83	1715.4	A4V45632	AM04632 Mus musci
	84	1715.4	A4V45633	AM04633 Mus musci
	85	1715.4	A4V45634	AM04634 Mus musci
	86	1715.4	A4V45635	AM04635 Mus musci
	87	1715.4	A4V45636	AM04636 Mus musci
	88	1715.4	A4V45637	AM04637 Mus musci
	89	1715.4	A4V45638	AM04638 Mus musci
	90	1715.4	A4V45639	AM04639 Mus musci
	91	1715.4	A4V45640	AM04640 Mus musci
	92	1715.4	A4V45641	AM04641 Mus musci
	93	1715.4	A4V45642	AM04642 Mus musci
	94	1715.4	A4V45643	AM04643 Mus musci
	95	1715.4	A4V45644	AM04644 Mus musci
	96	1715.4	A4V45645	AM04645 Mus musci
	97	1715.4	A4V45646	AM04646 Mus musci
	98	1715.4	A4V45647	AM04647 Mus musci
	99	1715.4	A4V45648	AM04648 Mus musci
	100	1715.4	A4V45649	AM04649 Mus musci
	101	1715.4	A4V45650	AM04650 Mus musci
	102	1715.4	A4V45651	AM04651 Mus musci
	103	1715.4	A4V45652	AM04652 Mus musci
	104	1715.4	A4V45653	AM04653 Mus musci
	105	1715.4	A4V45654	AM04654 Mus musci
	106	1715.4	A4V45655	AM04655 Mus musci
	107	1715.4	A4V45656	AM04656 Mus musci
	108	1715.4	A4V45657	AM04657 Mus musci
	109	1715.4	A4V45658	AM04658 Mus musci
	110	1715.4	A4V45659	AM04659 Mus musci
	111	1715.4	A4V45660	AM04660 Mus musci
	112	1715.4	A4V45661	AM04661 Mus musci
	113	1715.4	A4V45662	AM04662 Mus musci
	114	1715.4	A4V45663	AM04663 Mus musci
	115	1715.4	A4V45664	AM04664 Mus musci
	116	1715.4	A4V45665	AM04665 Mus musci
	117	1715.4	A4V45666	AM04666 Mus musci
	118	1715.4	A4V45667	AM04667 Mus musci
	119	1715.4	A4V45668	AM04668 Mus musci
	120	1715.4	A4V45669	AM04669 Mus musci
	121	1715.4	A4V45670	AM04670 Mus musci
	122	1715.4	A4V45671	AM04671 Mus musci
	123	1715.4	A4V45672	AM04672 Mus musci
	124	1715.4	A4V45673	AM04673 Mus musci
	125	1715.4	A4V45674	AM04674 Mus musci
	126	1715.4	A4V45675	AM04675 Mus musci
	127	1715.4	A4V45676	AM04676 Mus musci
	128	1715.4	A4V45677	AM04677 Mus musci
	129	1715.4	A4V45678	AM04678 Mus musci
	130	1715.4	A4V45679	AM04679 Mus musci
	131	1715.4	A4V45680	AM04680 Mus musci
	132	1715.4	A4V45681	AM04681 Mus musci
	133	1715.4	A4V45682	AM04682 Mus musci
	134	1715.4	A4V45683	AM04683 Mus musci
	135	1715.4	A4V45684	AM04684 Mus musci
	136	1715.4	A4V45685	AM04685 Mus musci
	137	1715.4	A4V45686	AM04686 Mus musci
	138	1715.4	A4V45687	AM04687 Mus musci
	139	1715.4	A4V45688	AM04688 Mus musci
	140	1715.4	A4V45689	AM04689 Mus musci
	141	1715.4	A4V45690	AM04690 Mus musci
	142	1715.4	A4V45691	AM04691 Mus musci
	143	1715.4	A4V45692	AM04692 Mus musci
	144	1715.4	A4V45693	AM04693 Mus musci
	145	1715.4	A4V45694	AM04694 Mus musci
	146	1715.4	A4V45695	AM04695 Mus musci
	147	1715.4	A4V45696	AM04696 Mus musci
	148	1715.4	A4V45697	AM04697 Mus musci
	149	1715.4	A4V45698	AM04698 Mus musci
	150	1715.4	A4V45699	AM04699 Mus musci
	151	1715.4	A4V45700	AM04700 Mus musci
	152	1715.4	A4V45701	AM04701 Mus musci
	153	1715.4	A4V45702	AM04702 Mus musci
	154	1715.4	A4V45703	AM04703 Mus musci
	155	1715.4	A4V45704	AM04704 Mus musci
	156	1715.4	A4V45705	AM04705 Mus musci
	157	1715.4	A4V45706	AM04706 Mus musci
	158	1715.4	A4V45707	AM04707 Mus musci
	159	1715.4	A4V45708	AM04708 Mus musci
	160	1715.4	A4V45709	AM04709 Mus musci
	161	1715.4	A4V45710	AM04710 Mus musci
	162	1715.4	A4V45711	AM04711 Mus musci
	163	1715.4	A4V45712	AM04712 Mus musci
	164	1715.4	A4V45713	AM04713 Mus musci
	165	1715.4	A4V45714	AM04714 Mus musci
	166	1715.4	A4V45715	AM04715 Mus musci
	167	1715.4	A4V45716	AM04716 Mus musci
	168	1715.4	A4V45717	AM04717 Mus musci
	169	1715.4	A4V45718	AM04718 Mus musci
	170	1715.4	A4V45719	AM04719 Mus musci
	171	1715.4	A4V45720	AM04720 Mus musci
	172	1715.4	A4V45721	AM04721 Mus musci
	173	1715.4	A4V45722	AM04722 Mus musci
	174	1715.4	A4V45723	AM04723 Mus musci
	175	1715.4	A4V45724	AM04724 Mus musci
	176	1715.4	A4V45725	AM04725 Mus musci
	177	1715.4	A4V45726	AM04726 Mus musci
	178	1715.4	A4V45727	AM04727 Mus musci
	179	1715.4	A4V45728	AM04728 Mus musci
	180	1715.4	A4V45729	AM04729 Mus musci
	181	1715.4	A4V45730	AM04730 Mus musci
	182	1715.4	A4V45731	AM04731 Mus musci
	183	1715.4	A4V45732	AM04732 Mus musci
	184	1715.4	A4V45733	AM04733 Mus musci
	185	1715.4	A4V45734	AM04734 Mus musci
	186	1715.4	A4V45735	AM04735 Mus musci
	187	1715.4	A4V45736	AM04736 Mus musci
	188	1715.4	A4V45737	AM04737 Mus musci
	189	1715.4	A4V45738	AM04738 Mus musci
	190	1715.4	A4V45739	AM04739 Mus musci
	191	1715.4	A4V45740	AM04740 Mus musci
	192	1715.4	A4V45741	AM04741 Mus musci
	193	1715.4	A4V45742	AM04742 Mus musci
	194	1715.4	A4V45743	AM04743 Mus musci
	195	1715.4	A4V45744	AM04744 Mus musci
	196	1715.4	A4V45745	AM04745 Mus musci
	197	1715.4	A4V45746	AM04746 Mus musci
	198	1715.4	A4V45747	AM04747 Mus musci
	199	1715.4	A4V45748	AM04748 Mus musci
	200	1715.4	A4V45749	AM04749 Mus musci
	201	1715.4	A4V45750	AM04750 Mus musci
	202	1715.4	A4V45751	AM04751 Mus musci
	203	1715.4	A4V45752	AM04752 Mus musci
	204	1715.4	A4V45753	AM04753 Mus musci
	205	1715.4	A4	

Result No.	Score	Query Match Length	DB ID	Description
1	3763.4	63.1	3768	5 AF35703 Homo sapi
2	3613.4	60.1	3995	5 AF35496 Homo sapi
3	3613.4	60.1	3995	5 AF352116 Sequence
4	3613.4	60.1	3995	5 CQ21106 Sequence
5	3623.2	80.0	3725	2 BD18401 Novel gene
6	3623.2	80.0	3725	2 AB21036 Novel gene
7	3623.2	80.0	3725	2 BD13235 Novel gene
8	3163.5	69.8	1265	4 AM01614 Sequence
9	3163.5	69.8	1265	4 BC061316 Novel gene
10	2983.6	65.9	3295	2 AK39954 Sequence
11	2983.6	65.9	3749	2 AK39954 Sequence
12	2934.2	62.8	2856	5 BC020979 Novel gene
13	2934.2	62.8	5325	5 HC110345 Homo sapi
14	2404.8	46.4	2162	5 AK202904 Human DNA
15	1505.8	43.1	2041	2 AX88983 Sequence
16	1505.8	43.1	2041	5 AK02350 Novel gene
17	1505.8	43.1	3626	6 BC027843 Mus musculus

170

GenCore version 5.1.9

Copyright (c) 1993 - 2006 Bioceleration Ltd.

On protein - protein search, using sw model

Run on: June 24, 2006, 01:45:00 : Search time 183.029 Seconds

Title: US-10-612-318-4

Perfect score: 4139

Sequence: 1 MEBRQWNLKPLRFLGRLD.....SSPAHHTTTSQCFEP 791

Scoring table: BLUSINM2

Gap-open: 0.5

Gap-crop: 0.5

Scored:

Total number of hits satisfying chosen parameters: 2845598

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Length 100%

Listings first 100 summaries

Database : uniprot_2.*

1: uniprot_sprot;*

2: uniprot_trembl;*

Pred: No is the number of results predicted by chance to have a score greater than the overall percent of the result being printed, and 1 is derived by analysis of the total score distribution.

SUMMARIES

Result No.: Score

Query Length

DB ID

Description

Result No.	Score	Query Length	DB ID	Description
1	3824	92.4	NIBI_HUMAN	Q9t6v1 homo sapien
2	3824	73.3	Q5VWN_HUMAN	Q9t6v1 homo sapien
3	3792	91.6	Q4LBS_HUMAN	Q9t6v1 homo sapien
4	3792	91.6	Q4LBS_HUMAN	Q9t6v1 homo sapien
5	3627	81.3	Q513T_MOUSE	Q9t6v1 mus musculus
6	3627	81.3	Q513T_MOUSE	Q9t6v1 mus musculus
7	3627	81.3	Q513T_MOUSE	Q9t6v1 mus musculus
8	3245	82.8	Q19R3_MOUSE	Q9t6v1 mus musculus
9	3245	82.7	Q19R3_MOUSE	Q9t6v1 mus musculus
10	3421	82.7	Q1C7C_MOUSE	Q9t6v1 mus musculus
11	3421	82.7	Q1C7C_MOUSE	Q9t6v1 mus musculus
12	3110	80.0	Q21CB_MOUSE	Q9t6v1 mus musculus
13	2529	62.6	Q8NRT_HUMAN	Q9t6v1 homo sapien
14	2187	52.9	Q6GP6_XENOPUS	Q9t6v1 xenopus laevis
15	2027	49.0	Q36P2_HUMAN	Q9t6v1 homo sapien
16	1943	46.3	Q41H2_HUMAN	Q9t6v1 homo sapien
17	1764	5.5	Q4B1T_HUMAN	Q9t6v1 tetradecameric protein
18	1764	5.5	Q4B1T_HUMAN	Q9t6v1 tetradecameric protein
19	1423	31.7	Q21CB_HUMAN	Q9t6v1 mus musculus
20	1423	31.7	Q21CB_HUMAN	Q9t6v1 mus musculus
21	1162	34.4	Q21CB_HUMAN	Q9t6v1 mus musculus
22	1162	28.1	Q21CB_HUMAN	Q9t6v1 mus musculus
23	1162	28.0	Q21CB_HUMAN	Q9t6v1 mus musculus
24	25	26.2	Q4BZ5_MOUSE	Q9t6v1 mouse
25	25	25.3	Q4BZ5_MOUSE	Q9t6v1 mouse
26	1048	25.3	Q5F7A_CHICK	Q9t6v1 chick
27	27	23.0	Q3TB1_MOUSE	Q9t6v1 mouse
28	9165	22.1	Q4B1T_TETTP	Q9t6v1 tetradecameric protein
29	648	20.5	Q5BG4_BRADY	Q9t6v1 bradykinin receptor 4
30	6275	19.8	Q5B52_BRADY	Q9t6v1 bradykinin receptor 5
31	6185	19.8	Q5B52_BRADY	Q9t6v1 bradykinin receptor 5

Q4t2z_ferritin_receptor_in_homo_sapien

Q8KX4_homo_sapien

Q8KX4_homo_sapien

Q8KX2_homo_sapien

Q8KX3_homo_sapien

Q8KX3_homo_sapien</div

GenCore version 5.1.9

Copyright (c) 1993 - 2006 Biocceleration Ltd.

on protein - protein search, using sw model

Run on: June 24, 2006 01:44:35 ; Search time: 139.88 Seconds

Title: US-10-612-3184-4
Perfect score: 4119
Sequence: 1 MESTWGRKWLKPPLAQRG... SSMPLAHITTEDSGVTFP 791

Scoring table: BL05062

GapOp 10.0 , GapPen: 0.5

Scored by: 2599679 seqe, 457216439 residues

Total number of hits satisfying chosen parameters: 2599679

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processors: Maximum Match On

Maximum Match Off

Maximum Match On Summary

Database : A_CathDB_8.*

1: Genseq2p001a*

2: Genseq2p002a*

3: Genseq2p003a*

4: Genseq2p004a*

5: Genseq2p005a*

6: Genseq2p006a*

7: Genseq2p007a*

8: Genseq2p008a*

9: Genseq2p009a*

10: Genseq2p006a*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the local score distribution.

SUMMARY

Result No.: 1

Score: 4119.000

Length: 791

DB ID: AD23468

Description: Human STR

Ad12446 Human STR

Ad12446 Human STR

Protein: H

Protein: H

Human: Heng

Result No.: 2

Score: 4119.000

Length: 791

DB ID: AD23468

Description: Human STR

Ad12446 Human STR

Ad12446 Human STR

Protein: H

Protein: H

Human: Heng

Result No.: 3

Score: 4119.000

Length: 791

DB ID: AD23468

Description: Human STR

Ad12446 Human STR

Ad12446 Human STR

Protein: H

Protein: H

Human: Heng

Result No.: 4

Score: 4119.000

Length: 791

DB ID: AD23468

Description: Human STR

Ad12446 Human STR

Ad12446 Human STR

Protein: H

Protein: H

Human: Heng

Result No.: 5

Score: 4119.000

Length: 791

DB ID: AD23468

Description: Human STR

Ad12446 Human STR

Ad12446 Human STR

Protein: H

Protein: H

Human: Heng

